

SOIL REINFORCEMENT

LIMITS OF EXCAVATION

-6" Ø PIPE UNDERDRAIN. COST INCLUDED WITH "SEGMENTAL CONCRETE

BLOCK WALL."

- LEVELING PAD

SEGMENTAL CONCRETE BLOCK WALL

SECTION C-C

FACING UNITS

ELEV. 665.00

STONE RIPRAP, CLASS A5

RIVERBED

ROCK ELEV. 659±

ELEV. 660±

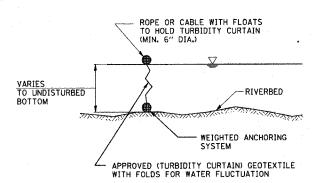
TURBIDITY CURTAIN

- A. THE PURPOSE OF A TURBIDITY CURTAIN IS TO SEPARATE WORK AREAS IN OR ADJACENT TO WATERWAYS, TO PREVEND TURBIDITY FROM ENTERING THE WATERWAY.
- B. TURBIDITY CURTAIN SHALL NOT BE PLACED ACROSS A FLOWING WATERWAY, OR IN A WATERWAY WITH STREAM VELOCITIES GREATER THAN 5 FT/SEC.
- C. CONCENTRATED FLOW OUTLETS SUCH AS CULVERT OUTLETS, DITCHES, ETC. SHALL NOT BE LOCATED BEHIND TURBIDITY CURTAIN.
- TURBIDITY CURTAIN SHALL BE A MAXIMUM OF 100 FEET LONG FOR EACH SECTION OF CURTAIN REQUIRED. LAST SECTION SHALL TERMINATE 10 FEET BEYOND THE LIMIT OF DISTURBANCE.
- 2. THE TURBIDITY CURTAIN SHALL BE PLACED AS CLOSE TO THE WORK AS POSSIBLE WITHOUT INTERFERRING WITH CONSTRUCTION OPERATIONS, OR AS DIRECTED BY THE ENGINEER.
- 3. THE CONTRACTOR SHALL CONTINUALLY MONITOR THE INSTALLATION, TAKING INTO ACCOUNT WEATHER PATTERNS AND PREVAILING WIND DIRECTIONS THAT MAY AFFECT WATER LEVELS, VELOCITY AND MOVEMENT OF THE TURBIDITY CURTAIN.
- 4. THE TURBIDITY CURTAIN SHALL BE REMOVED BY PULLING TOWARD THE SHORE TO MINIMIZE ESCAPE OF SEDIMENTS INTO THE WATERWAY.
- 5. THE WEIGHTED ANCHOR SYSTEM SHALL BE A TYPE THAT ALLOWS THE CURTAIN TO CONFORM TO THE CONTOUR OF THE BOTTOM ON THE WATERWAY.

EARTH TECH

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	NO.
96-00099-00-8R	DUPAGE	62	22	
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINDIS	FED. AID	PROJECT	

CONTRACT 83664



DATE

JULY 9, 2004

CHECKED BY

